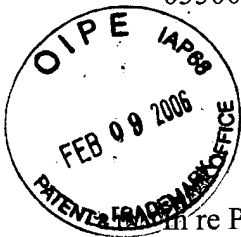


03500.014023.

~~PATENT~~ *Cofe* \$



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

TAMAKI KOBAYASHI ET AL.

Appl. No.: 09/440,535

Filed: November 16, 1999

For: SUBSTRATE FOR ELECTRON
SOURCE, ELECTRON SOURCE
AND IMAGE FORMING APPARATUS,
AND MANUFACTURING METHOD
THEREOF

U.S. Patent No.: US 6,849,999 B1

Issued: February 1, 2005

)
:
Examiner: Ashok Patel

)
:
Group Art Unit: 2879

Certificate
FEB 14 2006
of Correction

)
:
February 8, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

02/10/2006 HALI11 00000001 6849999

01 FC:1811

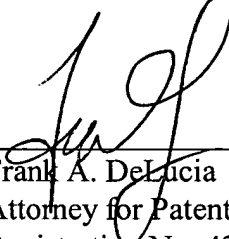
100.00 OP

FEB 15 2006

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Frank A. DeLucia
Attorney for Patentees
Registration No. 42,476

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200
NY_MAIN 515940v1

FEB 15 2006

Staple
Here
Only!
PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE [56] REFERENCES CITED

Foreign Patent Documents, "60015644" should read --60-015644--;
Foreign Patent Documents, "07331450" should read --07-331450--;
Foreign Patent Documents, "09293448" should read --09-293448--;
Foreign Patent Documents, "10188854" should read --10-188854--;
Foreign Patent Documents, insert: --JP 2-630988 4/1997--;
Foreign Patent Documents, insert: --JP 2-630983 4/1997--;
Foreign Patent Documents, insert: --JP 1-298624 12/1989--;
Foreign Patent Documents, insert: --JP 8-329828 12/1996--;
Foreign Patent Documents, insert: --JP 9-27285 1/1997--;
Foreign Patent Documents, insert: --JP 9-22668 1/1997--;
Foreign Patent Documents, insert: --JP 6-267461 9/1994--; and
Foreign Patent Documents, insert: --JP 1-279538 11/1989--.

ON COVER PAGE [56] REFERENCES CITED

Other Publications, "Opeeration" should read --Operation--; and "In" should read --in--.

ON COVER PAGE [57] ABSTRACT

Line 6, "wish" should read --with--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1

Line 26, "Molybdenium" should read --Molybdenum--;

Line 29, "J Apply." should read --J. Appl.--;

Line 38, "et al," should read --et al.,--;

Line 42, "et al," should read --et al.,--;

Line 51, "flit" should read --frit--;

Line 60, "flit" should read --frit--; and

Line 63, "flit" should read --frit--.

COLUMN 2

Line 9, "aforementioend" should read --aforementioned--; and

Line 14, "takes" should read --take--.

COLUMN 4

Line 7, "details" should read --detail--; and

Line 54, "have" should read --has--.

COLUMN 7

Line 21, "oxice" should read --oxides--; and

Line 52, "the above" should read --the above,--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO

30 Rockefeller Plaza

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!
PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 42, "germaium" should read --germanium--; and
Line 60, "fist" should read --first--.

COLUMN 11

Line 64, "be" should read --been--.

COLUMN 12

Line 17, "flit" should read --frit--; and
Line 50, "has" should read --have--.

COLUMN 13

Line 26, "ample" should read --ampule--.

COLUMN 14

Line 67, "thorough" should read --through--.

COLUMN 15

Line 12, "portions" should read --portion--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



Staple
Here
Only!
PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 16

Line 30, "purposes." should read --purpose--.

COLUMN 18

Line 13, "bases." should read --basis--; and
Line 44, "MgO:2%" should read --MgO:2%--.

COLUMN 19

Line 1, "substrate" should read --substrates--;
Line 3, "photolithography" should read --photolithography--;
Line 17, "patterning" should read --patterning--; and
Line 19, "photolithog-" should read --photolithog---.

COLUMN 21

Line 25, "though" should read --through--.

COLUMN 22

Line 37, "though" should read --through--; and
Line 56, "different" should read --different--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 23

Line 12, "if" should read --is--;

Table 5, should read --

	Sheet resistance value (Ω/\square)
Embodiment 5	3×10^{-9}
Embodiment 6	8×10^{-8}
Embodiment 7	2×10^{-9}
Embodiment 8	6×10^{-8}

--; and

Line 23, "value" should read --value of--.

COLUMN 24

Line 52, "photolithography" should read --photolithography--;

Line 65, "pattering" should read --patterning--; and

Line 67, "photolithog-" should read --photolithog---.

COLUMN 25

Line 33, "aceton" should read --acetone--.

COLUMN 27

Line 37, "83.)," should read --83),--; and

Line 43, "flit" should read --frit--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 28

Line 59, "has" should read --have--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE [56] REFERENCES CITED

Foreign Patent Documents, "60015644" should read --60-015644--;
Foreign Patent Documents, "07331450" should read --07-331450--;
Foreign Patent Documents, "09293448" should read --09-293448--;
Foreign Patent Documents, "10188854" should read --10-188854--;
Foreign Patent Documents, insert: --JP 2-630988 4/1997--;
Foreign Patent Documents, insert: --JP 2-630983 4/1997--;
Foreign Patent Documents, insert: --JP 1-298624 12/1989--;
Foreign Patent Documents, insert: --JP 8-329828 12/1996--;
Foreign Patent Documents, insert: --JP 9-27285 1/1997--;
Foreign Patent Documents, insert: --JP 9-22668 1/1997--;
Foreign Patent Documents, insert: --JP 6-267461 9/1994--; and
Foreign Patent Documents, insert: --JP 1-279538 11/1989--.

ON COVER PAGE [56] REFERENCES CITED

Other Publications, "Opeeration" should read --Operation--; and "In" should read --in--.

ON COVER PAGE [57] ABSTRACT

Line 6, "wish" should read --with--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1

Line 26, "Molybdenium" should read --Molybdenum--;

Line 29, "J Apply." should read --J. Appl.--;

Line 38, "et al," should read --et al.--;

Line 42, "et al," should read --et al.--;

Line 51, "flit" should read --frit--;

Line 60, "flit" should read --frit--; and

Line 63, "flit" should read --frit--.

COLUMN 2

Line 9, "aforementioend" should read --aforementioned--; and

Line 14, "takes" should read --take--.

COLUMN 4

Line 7, "details" should read --detail--; and

Line 54, "have" should read --has--.

COLUMN 7

Line 21, "oxice" should read --oxides--; and

Line 52, "the above" should read --the above,--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO

30 Rockefeller Plaza

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

NY_MAIN 515940v1



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 42, "germaium" should read --germanium--; and
Line 60, "fist" should read --first--.

COLUMN 11

Line 64, "be" should read --been--.

COLUMN 12

Line 17, "flit" should read --frit--; and
Line 50, "has" should read --have--.

COLUMN 13

Line 26, "ample" should read --ampule--.

COLUMN 14

Line 67, "thorough" should read --through--.

COLUMN 15

Line 12, "portions" should read --portion--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 16

Line 30, "purposes." should read --purpose--.

COLUMN 18

Line 13, "bases." should read --basis--; and
Line 44, "MgO:2%" should read --MgO:2%--.

COLUMN 19

Line 1, "substrate" should read --substrates--;
Line 3, "photolithography" should read --photolithography--;
Line 17, "pattering" should read --patterning--; and
Line 19, "photolithog-" should read --photolithog---.

COLUMN 21

Line 25, "though" should read --through--.

COLUMN 22

Line 37, "though" should read --through--; and
Line 56, "different" should read --different--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 23

Line 12, "if" should read --is--;

Table 5, should read --

	Sheet resistance value (Ω/\square)
Embodiment 5	3×10^{-9}
Embodiment 6	8×10^{-8}
Embodiment 7	2×10^{-9}
Embodiment 8	6×10^{-8}

--; and

Line 23, "value" should read --value of--.

COLUMN 24

Line 52, "photolithography" should read --photolithography--;

Line 65, "pattering" should read --patterning--; and

Line 67, "photolithog-" should read --photolithog---.

COLUMN 25

Line 33, "aceton" should read --acetone--.

COLUMN 27

Line 37, "(83.)," should read --83)--; and

Line 43, "flit" should read --frit--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2006

Staple
Here
Only
PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,849,999 B1

DATED : February 1, 2005

INVENTOR(S) : TAMAKI KOBAYASHI ET AL.

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 28

Line 59, "has" should read --have--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,849,999 B1

No. of add'l. copies
@ 30¢ per page



FEB 15 2005